

WEST 1.0

Help

Main Menu | Search Form | Posting Counts | Show WS Numbers | Edit WS Numbers

Search Results - Record(s) 1 through 1 of 1 returned.

1. Document ID: US 5704371 A,

Relevance Rank: 99

Entry 1 of 1 File:DERWENT

November 2, 1998

DERWENT-ACC-NO: 1998-085778

DERWENT-WEEK: 199808

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TITLE:

Medical history documentation system - has transcriber which is responsive to encoded indicia to provide at least one report section template corresponding to discrete recording section for its associated designated condition

INVENTOR: SHEPARD, F

PATENT-ASSIGNEE: SHEPARD F[SHEPI]

PRIORITY-DATA: 1996US-0611642 (March 6, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 5704371 A	January 6, 1998	N/A	034	G06F 015

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
US 5704371A	N/A	1996US-0611642	March 6, 1996

IPC: G06F015/42

ABSTRACTED-PUB-NO:US 5704371A

BASIC-ABSTRACT: The system includes a pre-printed form with a number of recording sections. Each one of the number of recording sections is assigned as a discrete recording section for a designated condition in a selected printed format for recording information relating to its associated

designated condition. A recording device records on the pre-printed format and in the appropriate discrete recording section one of a predetermined encoded indicia representing information developed for a designated condition. An input member is responsive to the recording device to record information specific to the designated condition communicated to the recording device. The information is recorded in the form of encoded indicia in at least one discrete recording section of the input member. A transcriber is responsive to the encoded indicia to provide at least one report section template corresponding to the discrete recording section for its associated designated condition. The report section includes optional text variable segments each of which are assigned to one of the predetermined encoded indicia. ADVANTAGE - has comparator that compares recorded data with encoded indicia recorded to ensure accuracy and validity of relevant information.

CHOSEN-DRAWING:Dwg.1/37

TITLE-TERMS:

MEDICAL HISTORY DOCUMENT SYSTEM TRANSCRIBING RESPOND ENCODE INDICIA ONE REPORT SECTION TEMPLATE CORRESPOND DISCRETE RECORD SECTION ASSOCIATE DESIGNATED CONDITION

DERWENT-CLASS: T01

EPI-CODES: T01-J06A1; T01-J11D;

Non-CPI Secondary Accession Numbers:N1998-068158

Term	Documents
record\$ and report\$ and (information\$ or document\$) and encod\$ and (indicia or transcrib\$)	1

Starting At:

Display Format:

WEST 1.0

Help

Main Menu | Search Form | Posting Counts | Show WS Numbers | Edit WS Numbers

Search Results - Record(s) 1 through 2 of 2 returned.

1. Document ID: US 5704371 A,

Relevance Rank: 99

Entry 2 of 2 File:DERWENT

November 2, 1998

DERWENT-ACC-NO: 1998-085778

DERWENT-WEEK: 199808

COPYRIGHT 1998 DERWENT INFORMATION LTD

TITLE:

Medical history documentation system - has transcriber which is responsive to encoded indicia to provide at least one report section template corresponding to discrete recording section for its associated designated condition

INVENTOR: SHEPARD, F

PATENT-ASSIGNEE: SHEPARD F[SHEPI]

PRIORITY-DATA: 1996US-0611642 (March 6, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 5704371 A	January 6, 1998	N/A	034	G06F 01:

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
US 5704371A	N/A	1996US-0611642	March 6, 1996

IPC: G06F015/42

ABSTRACTED-PUB-NO:US 5704371A

BASIC-ABSTRACT: The system includes a pre-printed form with a number of recording sections. Each one of the number of recording sections is assigned as a discrete recording section for a designated condition in a selected printed format for recording information relating to its associated

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CHOSEN-DRAWING:Dwg.1/37

TITLE-TERMS:

MEDICAL HISTORY DOCUMENT SYSTEM TRANSCRIBING RESPOND ENCODE INDICIA ONE
REPORT SECTION TEMPLATE CORRESPOND DISCRETE RECORD SECTION ASSOCIATE
DESIGNATED CONDITION

DERWENT-CLASS: T01

EPI-CODES: T01-J06A1; T01-J11D;

Non-CPI Secondary Accession Numbers:N1998-068158

Full Citation Review Classification Date Reference

2. Document ID: JP 09284701 A,

Relevance Rank: 97

Entry 1 of 2

File:DERWENT

November 2, 1998

DERWENT-ACC-NO: 1998-026226

DERWENT-WEEK: 199803

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TITLE:

Teletext receive for broadcasting programmes like news, weather report, traffic information, sight-seeing guide, teleshopping, questionnaire for viewers - has selection unit which selects encoder output in state where minimum character data exist and transmits it to videotape recording terminal

PATENT-ASSIGNEE: TOSHIBA KK[TOKE]

PRIORITY-DATA: 1996JP-0086684 (April 9, 1996)

PATENT-FAMILY:

PUB-NO JP 09284701 A	PUB-DATE October 31, 1997	LANGUAGE N/A	PAGES 005	MAIN-IPC H04N 001
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APPLICATION-DATA:

PUB-NO JP09284701A	APPL-DESCRIPTOR N/A	APPL-NO 1996JP-0086684	APPL-DATE April 9, 1996
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IPC: H04N005/7826; H04N005/91 ; H04N007/025 ; H04N007/03 ; H04N007/035

ABSTRACTED-PUB-NO:JP09284701A

BASIC-ABSTRACT: The receiver receives character data multiplexed with video and audio signal which are included in TV-broadcasting signal. A video signal processor extracts the video signal included in the received TV signal. A decoder regenerates the multiplexed character data in the broadcast signal. The video signal output from video signal processor and character data from decoder, are synthesised by a synthesiser. An encoder converts the video signal in synthesiser to NTSC signal. A selection unit selects output of encoder and received broadcast signal. A command, based on regeneration character data in decoder, is selected and is given to the selection unit by a control unit. The encoder output is chosen with selection unit in a state where minimum character data exists. Either the video signal or encoder output, as chosen by the selection unit, is transmitted to video tape recording terminal. ADVANTAGE - Facilitates video recording of received teletext.

CHOSEN-DRAWING:Dwg.1/1

TITLE-TERMS:

TELETEXT RECEIVE BROADCAST PROGRAMME NEWS WEATHER REPORT TRAFFIC INFORMATION
SIGHT GUIDE QUESTIONNAIRE VIEW SELECT UNIT SELECT ENCODE OUTPUT STATE
MINIMUM CHARACTER DATA EXIST TRANSMIT RECORD TERMINAL

DERWENT-CLASS: W03 W04

EPI-CODES: W03-A10X; W03-A18C; W04-B10B; W04-B10C; W04-F01K;

Non-CPI Secondary Accession Numbers:N1998-020767

[Full](#) | [Citation](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#)

Term	Documents
records and report\$ and (information\$ or document\$) and encod?	2

(FILE 'USPAT' ENTERED AT 10:51:21 ON 02 NOV 1998)

L1 QUE DOCUMENT? OR INFORMATION#
L2 QUE RECORD?
L3 QUE REPORT?
L4 QUE INDICI?
L5 QUE TRANSCRIB?
L6 QUE INPUT?
L7 QUE TEMPLAT?
L8 QUE COMPUT?
L9 QUE ENCOD? OR DECOD?
L10 655 S L9 AND L3 AND L1 AND L2 AND L4
L11 655 S L10 AND L9
L12 QUE L5 OR (SHORT(W) HAND)
L13 21 S L10 AND L12
L14 9 S L13 AND (L9 (P) L4)
L15 1 S L14 AND (L9 (P) L4 (P) L5)
 SET HIGH OFF
L16 1 S 5704371/PN
 SET HIGH ON
L17 1 S L16 AND (L12 (P) L4)
 SAVE -L17

(FILE 'USPAT' ENTERED AT 09:38:10 ON 02 NOV 1998)

L1 1 S 5704371/PN
L2 QUE DOCUMENT# OR INFORMATION#
L3 QUE RECORD?
L4 QUE REPORT?
L5 QUE INDICI?
L6 QUE TRANSCRIB?
L7 QUE ENCOD? OR DECOD?
L8 9167 S L2 AND L3 AND L4 AND L7
L9 QUE INPUT?
L10 QUE FORM?
L11 QUE COMPAR?
L12 QUE TEMPLAT?
L13 QUE COMPUT?
L14 QUE L13 OR ?PROCESS?
L15 4423 S L8 AND L9 AND L13 AND L13 AND (PROCESSOR# OR MICRO(W) PRO
CES
L16 232 S 128/897,710/CCLS
L17 0 S 364/413.02,413.04,413.14,419.14/CCLS
L18 1 S 4991091/PN
L19 1 S 5267155/PN
L20 366 S L15 AND L12 AND L11
L21 1 S L20 AND L5 AND L6

=> s 12 and 15 and 13 and 14

COMMAND INTERRUPTED
REENTER FILE 'USPAT'
AND TRY AGAIN, OR ENTER '?' FOR MORE INFORMATION.

=> s 18 and 15

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

ACT MEDICAL1/L

L3 QUE PLU=ON DOCUMENT? OR INFORMATION#
L4 QUE PLU=ON RECORD?
L5 QUE PLU=ON REPORT?
L6 QUE PLU=ON INDICI?
L7 QUE PLU=ON TRANSCRIB?
L8 QUE PLU=ON INPUT?
L9 QUE PLU=ON TEMPLAT?
L10 QUE PLU=ON COMPUT?
L11 QUE PLU=ON ENCOD? OR DECOD?
L12 (655)SEA FILE=USPAT PLU=ON L11 AND L5 AND L3 AND L4 AND L6
L13 (655)SEA FILE=USPAT PLU=ON L12 AND L11
L14 QUE PLU=ON L7 OR (SHORT(W)HAND)
L15 (21)SEA FILE=USPAT PLU=ON L12 AND L14
L16 (9)SEA FILE=USPAT PLU=ON L15 AND (L11 (P) L6)
L17 (1)SEA FILE=USPAT PLU=ON L16 AND (L11 (P) L6 (P) L7)
L18 (1)SEA FILE=USPAT PLU=ON 5704371/PN
L19 (1)SEA FILE=USPAT PLU=ON L18 AND (L14 (P) L6)
L20 (120)SEA FILE=USPAT PLU=ON 600/301/CCLS
L21 (62)SEA FILE=USPAT PLU=ON 128/920/CCLS
L22 (1084)SEA FILE=USPAT PLU=ON 345/33,87,179,352/CCLS
L23 (16891)SEA FILE=USPAT PLU=ON 364/222.81,222.82,224.5,224.6,225,2
25.
L24 (366)SEA FILE=USPAT PLU=ON 707/540,522,530,539/CCLS

L25 413 S 707/540,522,530,539/CCLS
L26 1218 S 345/33,87,179,352,961/CCLS
L27 124 S 600/301/CCLS
L28 QUE MEDIC?
L29 1 S (L28 (P) L5 (P) L9 (P) L11) AND L6
L30 1 S (L7 (P) L11 (P) L6 (P) L9) AND L28
L31 1 S L7 (P) L11 (P) L6 (P) L9
L32 2 S (L9 (P) L28) AND (L11 (P) L6) AND SEGMENT#
L33 290 S 395/117/CCLS
L34 127 S 707/500/CCLS
L35 2 S (L9 (P) L28) AND (L11 (P) L6)

=>

ACT MEDICAL1/L

L3 QUE PLU=ON DOCUMENT? OR INFORMATION#
L4 QUE PLU=ON RECORD?
L5 QUE PLU=ON REPORT?
L6 QUE PLU=ON INDICI?
L7 QUE PLU=ON TRANSCRIB?
L8 QUE PLU=ON INPUT?
L9 QUE PLU=ON TEMPLAT?
L10 QUE PLU=ON COMPUT?
L11 QUE PLU=ON ENCOD? OR DECOD?
L12 (655)SEA FILE=USPAT PLU=ON L11 AND L5 AND L3 AND L4 AND L6
L13 (655)SEA FILE=USPAT PLU=ON L12 AND L11
L14 QUE PLU=ON L7 OR (SHORT(W)HAND)
L15 (21)SEA FILE=USPAT PLU=ON L12 AND L14
L16 (9)SEA FILE=USPAT PLU=ON L15 AND (L11 (P) L6)
L17 (1)SEA FILE=USPAT PLU=ON L16 AND (L11 (P) L6 (P) L7)
L18 (1)SEA FILE=USPAT PLU=ON 5704371/PN
L19 (1)SEA FILE=USPAT PLU=ON L18 AND (L14 (P) L6)
L20 (120)SEA FILE=USPAT PLU=ON 600/301/CCLS
L21 (62)SEA FILE=USPAT PLU=ON 128/920/CCLS
L22 (1084)SEA FILE=USPAT PLU=ON 345/33,87,179,352/CCLS
L23 (16891)SEA FILE=USPAT PLU=ON 364/222.81,222.82,224.5,224.6,225,2
25.
L24 (366)SEA FILE=USPAT PLU=ON 707/540,522,530,539/CCLS

L25 413 S 707/540,522,530,539/CCLS
L26 1218 S 345/33,87,179,352,961/CCLS
L27 124 S 600/301/CCLS
L28 QUE MEDIC?
L29 1 S (L28 (P) L5 (P) L9 (P) L11) AND L6
L30 1 S (L7 (P) L11 (P) L6 (P) L9) AND L28
L31 1 S L7 (P) L11 (P) L6 (P) L9

=> s (19 (p) 128) and (111 (p) 16) and segment#

25029 TEMPLAT?
142287 MEDIC?
245 L9 (P) L28
101752 ENCOD?
100871 DECOD?
46334 INDICI?
2141 L11 (P) L6
225820 SEGMENT#
L32 2 (L9 (P) L28) AND (L11 (P) L6) AND SEGMENT#

=> d 1-2

1. 5,704,371, Jan. 6, 1998, Medical history documentation system and method; Franziska Shepard, 128/897 [IMAGE AVAILABLE]

2. 5,621,864, Apr. 15, 1997, Label generation apparatus; Daniel A. Benade, et al., 395/117; 707/500 [IMAGE AVAILABLE]

Dump of file 19019,20,0 (KB778)PHASE1A:OBJJ1 on 22-JUL-1987 11:38:38.16

File ID (19019,20,0) End of file block 39 / Allocated 39 /

Virtual block number 38 (00000026), 512 (0200) bytes

FFFD8730 E4DFF81C 555F4C5F 4F492452 4F460A00 01FB530D FC1C4653 5F455449 IT_SF_IS FOR\$10_L_V '0 000000
 524F460A 00020113 01FB0002 7800E4DF F81C525F 4C5F4F9 24524F46 0A0001FB FOR\$10_L_R_I 000020
 F0D8730E6 DFF81C525F4F4924524F 460A0001FB87DFC 1C525F4C 5F4F4924 \$10_L FOR\$10_L_R_I 000040
 F5F4C5F4F 4924524F 460A0001FB86DFC 1C525F4C 5F4F4924 524F460A 0001FB00 076A70E4 DF81C52_R FOR\$10_L_R_I 000080
 FB50004F1 A0E4DFF8 1C525F4C 5F4F4924 524F460A 0001FB00 076A70E4 DF81C52_R FOR\$10_L_R_I 000080
 FB02D9F4C 5F4F4924 524F460A 0001FB884 DFFC1C525F4C5F4F 4924524F 460A0001 FOR\$10_L_R_I 0000A0
 52D65301 197F0104 EFD8053 08ABF3F9 1C444E45 5F4F4924 524F460A 0000FBFE FOR\$10_L_R_I 0000C0
 0052F71C 00092705 030600FF 1C46535F 45544952 5F4F4924524F 46060002 FOR\$10_L_R_I 0000E0
 4F492452 4F460A00 01FB884DF 0165FA1C 0004F1A0 0406DE54 FOR\$10_L_R_I 0000F0
 0A00000FB EA5352F3 FA1C525F 4C5F4F49 24524F46 0A0001FB 85DFFC1C525F4C5F FOR\$10_L_R_I 000100
 45432406 48F00000 00000000 0A170301 00ED5204FF1C44E 455F4F49 24524F46 FOR\$10_L_R_I 000120
 44F434205 000002E6 00090200 15434E45 55514553 08000817 01000201 014A4441 ADJ FOR\$10_L_R_I 000140
 02014345C 4C240600 00058001 89020415 54414450 24060000 009000A9 02004544 DE FOR\$10_L_R_I 000160
 08170144 4E455F4F 4924524F 460A0008 17014559 445002 904403002 90440200 MD FOR\$10_L_R_I 000180
 08000817 01555F4C 5F4F4924 524F460A 00081701 626F4C5F FOR\$10_L_R_I 0001A0
 .FOR\$10_L_R_I 0001E0

09/002,958

US PAT NO: 5,621,864 [IMAGE AVAILABLE] ANS: 1
DATE ISSUED: Apr. 15, 1997
TITLE: Label generation apparatus
INVENTOR: Daniel A. Benade, Lakewood, CO
ASSIGNEE: Mack E. Johnson, Arvada, CO
Engineered Data Products., Inc., Broomfield, CO (U.S.
corp.)
APPL-NO: 08/706,922
DATE FILED: Sep. 3, 1996
REL-US-DATA: Continuation of Ser. No. 489,250, Jun. 14, 1995, which is
a continuation of Ser. No. 797,457, Nov. 22, 1991.
INT-CL: [6] G06M 15/00
US-CL-ISSUED: 395/117, 761
US-CL-CURRENT: 395/117; 707/500
SEARCH-FLD: 395/101, 112, 115, 116, 117, 148, 149, 109; 400/63, 68, 76
REF-CITED: U.S. PATENT DOCUMENTS
4,553,860 11/1985 Imaizumi et al. 400/68
4,712,929 12/1987 Kitaoka 395/117
4,718,784 1/1988 Drisko 400/68
4,862,194 8/1989 Uematsu 400/120
4,939,674 7/1990 Price et al. 395/117
4,944,614 7/1990 Tanaka 400/68
5,025,397 6/1991 Suzuki 395/116
5,045,967 9/1991 Igarashi 395/112
ART-UNIT: 266
PRIM-EXMR: Arthur G. Evans
LEGAL-REP: Duft, Graziano & Forest, P.C.

ABSTRACT:
The label generation apparatus of this invention enables the user to define a label of various sizes, shapes and characteristics, wherein each label in a series of labels includes unique indicia that individually identify each label according to any predefined sequence. These labels also contain template fields that vary according to the indicia printed thereon or any other predefined ordering. The label generation apparatus includes a template generation capability that enables the user to define a label format having one or more writable indicia fields. These one or more writable indicia fields can be used to provide each label with individual identifying indicia according to any predetermined sequence. The label generation apparatus also includes an indicia generation capability that produces the individual identification according to various characteristics that are specified by the user of this apparatus.

60 Claims, 19 Drawing Figures

BUAP of f119 DRBD:[KB78]PHASE1A OBJ:1 on 22-JUL-1987 11:38:38.165
File ID (19019,20,0) End of file block 39 / A1 located 39 /

Printed block number 37 (00000028) 210 (0020) system

US PAT NO: 5,704,371 [IMAGE AVAILABLE] ANS: 1
DATE ISSUED: Jan. 6, 1998
TITLE: Medical history documentation system and method
INVENTOR: Franziska Shepard, 1414 E. Main St., Santa Maria, CA 93454
APPL-NO: 08/611,642
DATE FILED: Mar. 6, 1996
INT-CL: [6] G06F 15/42
US-CL-ISSUED: 128/897
US-CL-CURRENT: 128/897
SEARCH-FLD: 128/700, 897, 364/413.02, 413.04, 413.14, 419.14
REF-CITED:

U.S. PATENT DOCUMENTS

4,991,091	2/1991	Allen	364/413.02
5,267,155	11/1993	Buchanan et al.	364/419.14

ART-UNIT: 335
PRIM-EXMR: Scott Getzow
LEGAL-REP: Daniel J. Meaney, Jr.

ABSTRACT:

A medical history documentation system and method for recording information relating to at least one of a designated patient's current medical condition, a physical examination, a diagnosis and a treatment plan is shown. The system includes a recording member having a plurality of discrete recording sections formed thereon programmed for recording information relating to the patient. The encoded indicia is communicated by a first person to a second person during a physical examination of the patient by the first person. An input member is used by the second person for recording medical information in the form of predetermined encoded indicia in applicable discrete recording sections of the recording member. A transcriber having a plurality of report section templates is used. Each report section template corresponds to a discrete recording section. Each of the report section templates comprise a plurality of optional text variable segments each of which are assigned to a selected one of the predetermined encoded indicia. The transcriber is operative to decode each one of the predetermined encoded indicia recorded on the recording member. An imaging device responsive to the transcriber prepares a patient's report specific to the designated patient. A method for using the system is shown.

33 Claims, 37 Drawing Figures

DUMP of **7118 DRBD:KB7BJPHASE2D:OBJ**1 on 22-JUL-1987 11:55:19.611
File ID: **(6381.41.0)** End of **7118** block 9 / Allocated 9

US PAT NO: 5,267,155 [IMAGE AVAILABLE] ANS: 1
 DATE ISSUED: Nov. 30, 1993
 TITLE: Apparatus and method for computer-assisted document generation
 INVENTOR: Ken Buchanan, Eagan, MN
 John A. Dowdle, St. Paul, MN
 ASSIGNEE: Medical Documenting Systems, Inc., St. Paul, MN (U.S. corp.)
 APPL-NO: 07/847,292
 DATE FILED: Mar. 6, 1992
 REL-US-DATA: Continuation-in-part of Ser. No. 422,139, Oct. 16, 1989.
 INT-CL: [5] G06F 15/21
 US-CL-ISSUED: 364/~~419.14~~
 US-CL-CURRENT: 707/540, 522, 530, 539/
 SEARCH-FLD: 364/~~419~~ 943, 943.1, 943.5, 957, 222.81, 222.82, 225.6,
~~413.01~~

REF-CITED:

U.S. PATENT DOCUMENTS			
3,872,462	3/1975	Lemelson	340/324
3,934,226	1/1976	Stone et al.	340/172.5
4,348,744	9/1982	White	364/900
4,491,725	1/1985	Pritchard	235/375
4,591,974	5/1986	Dornbush et al.	364/200
4,794,386	12/1988	Bedrij et al.	340/724
4,835,690	5/1989	Gangarosa et al.	364/413.13
4,839,822	6/1989	Dormond et al.	364/413.02
4,959,769	9/1990	Cooper	364/200
4,962,475	10/1990	Hernandez et al.	364/900

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0216063 4/1987 European Patent Office

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 IBM Technical Disclosure Bulletin, vol. 21, No. 11, Apr. 1979, R. J. Gerlach et al., "System for Simplified Form Fill-In Using CRT Display".
 M. D. Computing, vol. 2, No. 3, 1985, M. Cushing, Jr., M.D., "Doctor's Office Manager: An IBM Billing Package".
 Data Communications, Nov. 1986, E. G. Principi et al., "Better Care, Shorter Stays, Thanks to Networking".
 Nursing Economics, vol. 5, No. 1, Jan./Feb. 1987, M. M. Mowry et al., "Evaluating Automated Information Systems" and Automated Information Systems in Quality Assurance.
 Software In Health Care, 1985, R. A. Korpman, M.D., "Patient Care Information Systems: Looking to the Future".
 ART-UNIT: 231
 PRIM-EXMR: Roy N. Envall, Jr.
 ASST-EXMR: Jennifer L. Hazard
 LEGAL-REP: Merchant, Gould, Smith, Edell, Welter & Schmidt

ABSTRACT:

A document generation system for enhancing or replacing the dictation and transcription process. More particularly, a computer-based documentation system is provided which processes document templates in conjunction with pre-defined character strings to generate user-defined reports or documents. Each document template is composed of "boiler plate" text and "holes". A system and method are described for controlling, via a relational database, the selection of pre-defined character strings to be

BUED of file DRBB31KB78IPHASE2D.08J:1 on 22-JUL-1987 11:55:19.611
FILE ID {6381,41,0} End of file block 9 / Allocated 9

Virtual block number 1 (00000001), 512 (0200) bytes

inserted into document template "holes". A second method is described for inserting user-defined or concatenated character strings into selected document template "holes".

27 Claims, 22 Drawing Figures

US PAT NO: 4,991,091 [IMAGE AVAILABLE] ANS: 2
DATE ISSUED: Feb. 5, 1991
TITLE: Self-contained examination guide and information storage
and retrieval apparatus
INVENTOR: Gregory Allen, 411 S. Woodward #526, Birmingham, MI 48011
APPL-NO: 07/235,154
DATE FILED: Aug. 23, 1988
INT-CL: [5] G06F 15/42
US-CL-ISSUED: 364/413.02, 200
US-CL-CURRENT: 600/301, 128/920, 345/33, 87, 179, 352, 961, 364/222.81,
222.82, 224.5, 224.6, 225, 225.4, 237.2, 237.5, 237.82
237.85, 273.5, D16.1
SEARCH-FLD: 364/413.02, 200, 900
REF-CITED:

U.S. PATENT DOCUMENTS

Re 27,580	2/1973	Rawson et al.	
3,566,370	2/1971	Worthington, Jr. et al.	
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3,970,996	7/1976	Yasaka et al.	
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4,150,284	4/1979	Trenkler et al.	
4,290,114	9/1981	Sinay	
4,428,382	1/1984	Walsall et al.	
4,481,412	11/1984	Fields	235/383
4,491,725	1/1985	Pritchard	364/406
4,611,298	9/1986	Schuldt	364/900
4,667,292	5/1987	Mohlenbrock	364/200
4,731,725	3/1988	Suto et al.	
4,733,354	5/1988	Potter et al.	304/413.02
4,839,822	6/1989	Domond et al.	

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"Computers in Critical Care", John E. Brimm, Brochure from Emtek Health Care Systems, Mar. 1987.

"Better Care, Shorter Stays, Thanks to Networking", Data Communications, Nov. 1986, Principi et al., Nov. 1986.

ART-UNIT: 238
PRIM-EXMR: Michael R. Fleming
ASST-EXMR: Gail O. Hayes
LEGAL-REP: Barnes, Kisselle, Raisch, Choate, Whittemore & Hulbert

ABSTRACT:

Self-contained examination guide and information storage apparatus comprising a flat rectangular enclosure having a front panel with first display arrays along side edges of the front panel associated with a plurality of general patient examination categories, and an LCD centrally positioned on the front panel and configured to comprise a plurality of individually controllable display segments. A microprocessor-based controller includes a light pen for reading bar codes on the enclosure front panel and thereby selecting among the general examination categories. A microcontroller memory has prestored sets of specific examination indicia associated with each of the general examination categories, and is responsive to the category-selection process for retrieving from memory a specific set of examination indicia associated with selected general examination category. The light pen is then employed to scan bar code arrays adjacent to the specific examination indicia at each LCD segment for identifying specific indicia of interest and loading corresponding indicia information into microcontroller

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Phase 2

memory. Information stored may be selectively downloaded to a central computer for processing and generation of records for the patient files.
37 Claims, 4 Drawing Figures

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